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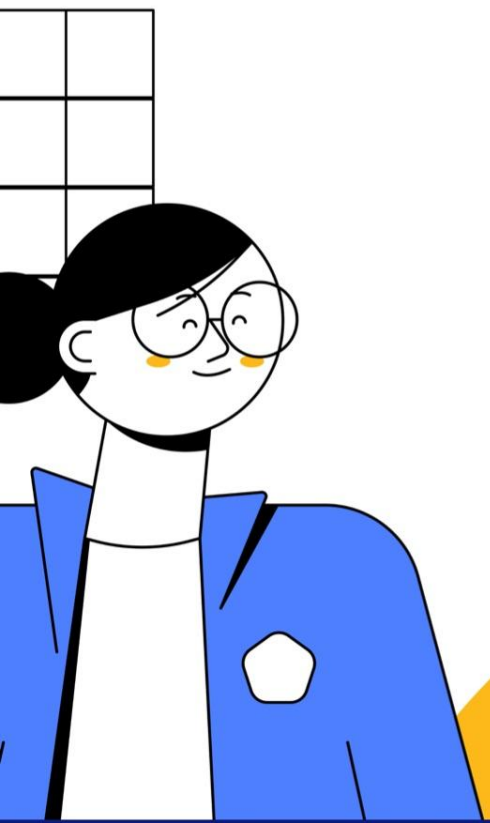
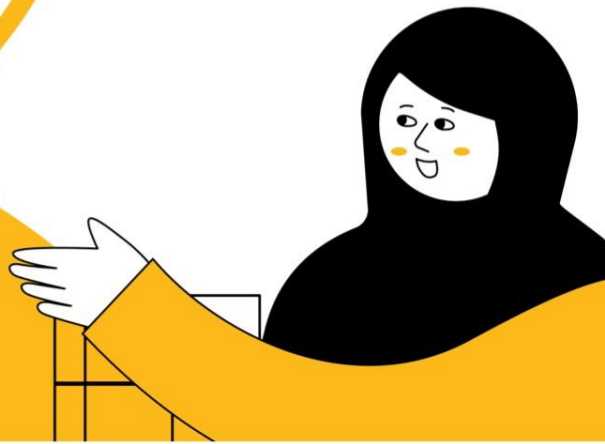
Internship Project Preference - FE





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FRONTEND ENGINEERING

FE-1

FE-1

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Why is this project important?

- Keeping core web vital & Lighthouse scores on track is an extremely tedious task, especially in Mobile web. But in order to make sure optimum performance for our users and our fellow search engine BOTs we need to monitor and optimize each page regularly.
- Keeping this page at optimum performance is important in order to convert more organic visitors.

Technical Aspect

1. Javascript & Typescript
2. React & NextJs
3. SEO Knowledge
4. Probably CI/CD and Shell scripting

Project Scope

1. Improving pages
2. Optimize code including:
    a. Reduce unused JavaScript
    b. Preload Largest Contentful Paint image
    c. Reduce initial server response time
    d. Reduce unused CSS ,
    e. And any suggestion from our Lab Data Analytics
3. Focusing (but not limited to) three main Core Web Vital Category:
    a. Cumulative Layout Shift
    b. First Input Delay,
    c. Largest Contentful Paint
4. All data are based on our lab data using treo.sh

Expected Outcomes

1. Make sure >=2x improvement on core web vital mobile Performance and
2. >85% in Accessibility, Best Practices, and SEO

FE-2

FE-2

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Why is this project important?

- Our company is going to do a web-based game project that would be not only a good challenge and learning experience for the interns but also beneficial to our platform.
- This project is to create web-based game that is allowing it to be a social game that can be played in our platform.

Technical Aspect

1. ReactJS/VueJS
2. PostgreSQL

Project Scope

1. Web-based game (ReactJS/VueJS)
2. Database to store data (PostgreSQL)

Expected Outcomes

1. Web-based game inspired by known game “Nerdle”, “Othello”, “Snake&Ladder”, or “Typing Master”
2. Web-based game should be our platform-enabled (integration with our platform LiveChat)
3. There should be Leaderboard for the game (separate single page)

FE-3

FE-3

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Why is this project important?

- Our company is going to do a web-based game project that would be not only a good challenge and learning experience for the interns but also beneficial to our platform.
- This project is to port web-based game that is GoPlay-enabled called WordPlay from current stack (PHP & MySQL) to new stack (React/Vue & PostgreSQL).

Technical Aspect

1. PHP
2. MySQL
3. ReactJS/VueJS
4. PostgreSQL

Project Scope

1. Port Web-based game (PHP, React/Vue)
2. Migrate Database to store data (MySQL, PostgreSQL)

Expected Outcomes

1. Port web-based game called WordPlay from current stack (PHP & MySQL) to newstack (React/Vue & PostgreSQL)
2. Adjust Leaderboard for the game (to get data from PostgreSQL)

FE-4

FE-4

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Why is this project important?

- It allow more people to implement load testing practice in our company, which relate to the product quality.
- It can act as a data seeder, to create N numbers of entity that only can be created after some precondition actions, e.g. to deliver parcel, we need to have parcel in the warehouse.

Technical Aspect

1. ReactJS with Typescript
2. NextJS
3. REST API
4. Docker

Project Scope

1. Create a module in the existing ReactJS web application project
2. Create module with minimum functionalities
    a. Add action and store the configuration
    b. Input validation
    c. Store preset
    d. Generate chart from the load test report

Expected Outcomes

1. Meet the expected functionality
2. Application have no major bugs
3. Project get deployed and connected to our load testing backend

FE-5

FE-5

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Why is this project important?

- This project will improve our platform in enabling the access of the operations and curriculum development teams to create, edit, and delete students, parents, and courses data.
- Manual updates were done by our engineering team, which takes up a significant amount of time and is prone to human error, so this project will help to fix it.

Technical Aspect

1. ReactJS & Ruby on Rails
2. AWS
3. Google Big Query

Project Scope

Develop an internal portal for operations and curriculum development teams. The portal should have the following features:

1. Create course and class sessions
2. Update student data
3. Reimburse subscription for referral programs
4. Access control to various levels in the organization

Expected Outcomes

1. Reduce engineering hours required for existing manual updates from 20-25hrs/month to <1 hour/month. Note: this will eventually have to go down to zero engineering bandwidth in six months as we plan for scale.
2. 0 critical issues identified from the internal tools. Critical issues are problems identified in prod environment, impacting our students' ability to join any class.

FE-6

FE-6

Generasi Gigih

Why is this project important?

We recently ran a handful of experiments on paid ads and noticed a high degree of bounce rate on our website (>90% bounce rate). Our team is currently in the process of launching a new web page with improved performance and increased flexibility for A/B testing.

Project Scope

1. Analyze the overall performance of our web page and identify performance and security gaps
2. Work with Engineering and Product teams to fix the identified gaps related to performance and security
3. Collaborate with our team to run experiments that will improve the overall user onboarding experience

Technical Aspect

1. Wordpress & Elementor
2. ReactJS
3. Ruby on Rails & Golang

Expected Outcomes

1. Reduce bounce rate on our website from >90% to <70%
2. Improve overall performance of our website - from Google's page speed score of 78 on web and 45 on mobile to Google's page speed score of >90 on both platforms
3. Improve the overall security of our web pages from B+ to A. We use Observatory Mozilla to test the overall security of our web pages.

FE-7

FE-7

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Why is this project important?

- Our company provides curated life & wellness offers and leverages its proprietary technology platform to drive enhanced experience at customers' fingertips while delivering improved healthcare costs
- This project provide flexibility on changing notification template
- This project will eliminates technical debt within our engineering team

Technical Aspect

1. ReactJS & Typescript
2. Functional Programming

Project Scope

1. Utilize existing API
2. Create Push notification template page in backoffice
3. Sms & whatsapp template page in backoffice
4. Email template page in backoffice

Expected Outcomes

1. Dashboard can be used to replace stiff migration process
2. Increase productivity of product and engineering team

FE-8

FE-8

Generasi Gigih

Why is this project important?

- Our company provides curated life & wellness offers and leverages its proprietary technology platform to drive enhanced experience at customers' fingertips while delivering improved healthcare costs
- This project can easily change feature flag across services
- This project will eliminate build time constraint

Technical Aspect

1. Typescript & NodeJS
2. ReactJS

Project Scope

1. Backoffice dashboard
2. Backoffice can publish feature flag changes through pubsub
3. Services can listen to feature flag changes

Expected Outcomes

Can be used as replacement of manual feature flag

FE-9

FE-9

Generasi Gigih

Why is this project important?

- Our company provides curated life & wellness offers and leverages its proprietary technology platform to drive enhanced experience at customers' fingertips while delivering improved healthcare costs
- This project monitors overall and personal claim performance
- Enables personalization of service
- Establish prescriptive and predictive business healthiness indicators

Project Scope

TBD

Technical Aspect

1. Typescript
2. NodeJS
3. ReactJS
4. Clean Architecture & Unit-testing

Expected Outcomes

1. Claim data streamlined and structured
2. Claim insights and intelligence linked into Claim Team dashboard and Intools

FE-10

FE-10

Generasi Gigih

Why is this project important?

- Our company provides curated life & wellness offers and leverages its proprietary technology platform to drive enhanced experience at customers' fingertips while delivering improved healthcare costs
- This project can easily change feature flag across services
- This project will eliminate build time constraint

Technical Aspect

1. Typescript & NodeJS
2. ReactJS

Project Scope

1. Backoffice dashboard
2. Backoffice can publish feature flag changes through pubsub
3. Services can listen to feature flag changes

Expected Outcomes

Can be used as replacement of manual feature flag

FE-11

FE-11

Generasi Gigih

Why is this project important?

Our company aims to create a nutrition assessment mini-app that can be accessed from our website homepage. Through this mini-app. Every user who completed the nutrition assessment will be able to see the overview of their currents health & nutrition conditions and get simple feedback. We want to encourage as many people as possible to improve their diet and lifestyle.

Technical Aspect

1. Chakra UI
2. ReactJS/nodeJS/vueJS
3. ChartJS

Project Scope

1. Create form view for quick assessment, divided into several parts
2. Show result of quick assessment based on data such as:
    a. Informations
    b. Nutrition fact
    c. Related client's history
    d. Suitable Dietela's program for this client

Expected Outcomes

1. Implement all the pages on concept design displayed in slides 5 and 6 based on a High Fidelity (HiFi) design document
2. Implement the best practice of tech stack
3. Use clean code
4. Following the sprint process implemented by the Dietela team

FE-12

FE-12

Generasi Gigih

Why is this project important?

The monetization team receives requests from Sales to create and manage coupons for web checkout. The web checkout is an interface where the student/parent can buy packages for live classes from our company. We give discounts for these packages using coupons for promotion and other reasons. The student/parent applies the coupon during the web checkout process and the discount gets applied.

We want to build an internal web interface for managing coupons better,
1. Create and delete coupons
2. See the list of coupons and their expiry
3. Basic filtering on the list of coupons

This project is important to reduce human mistakes while creating them manually via database and makes the process of managing coupons by the sales/operations team itself.

Technical Aspect

1. ReactJS
2. UI/UX

Project Scope

1. Login and logout from Google Authentication
2. Interface to show all coupons and filter them
3. Interface to create and delete coupons

Expected Outcomes

1. Any of our employee should be able to login and logout into the interface using Google OAuth
2. The user should be presented with the list of all coupons present in the system
3. The user should be able to search for a coupon via coupon code
4. The user should be able to filter coupons based on Class, Grade and Curriculum
5. The user should be able to sort the coupons based on the expiry date
6. The user should be able to create a coupon with student parameters like Grade, Class, Curriculum and Expiry date
7. The user should be able to delete any coupon from the list

FE-13

FE-13

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Why is this project important?

Currently, we send a lot of notifications via Whatsapp, to students and parents for updating them or reminding them of the details about new packages, ongoing live classes, attendance, reports, etc.

Some notifications are one time and some are periodic, linked to some other event. Say send a WhatsApp message when the class report is generated etc.

We want to build an internal web interface where we can manage the WhatsApp messages better,

1. Create and delete messages for students/parents
2. Ability to create periodic messages or one time
3. List all messages that are created and the ability to filter them

Technical Aspect

1. ReactJS
2. UI/UX

Project Scope

1. Login and logout using Google Authentication
2. Interface to show all messages and filter them
3. Interface to create and delete messages
4. Interface to set message parameters, target audience and when to trigger

Expected Outcomes

1. Any of our employee should be able to login and logout into the interface using Google OAuth
2. The user should be presented with the list of all messages present in the system
3. The user should be able to filter messages based on target audience such as students or parents.
4. They should be able to filter based on other parameters such as students Class, Grade, Curriculum and one-time or recurring notification message
5. The user should be able to create a notification message for the either of the target audience, Student or Parent. They should be add parameters to the message such as Grade, Class, Curriculum, one-time and recurring
6. The user should be able to delete any notification message from the list

FE-14

FE-14

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Why is this project important?

Our team accepts many new people from various backgrounds and level of domain knowledge competencies. Thus, this task is provided as a calibration process to:

- Adapt with the current team technology stacks so all engineers can have the same standards.
- Make the team onboarding process run faster.

Technical Aspect

1. Typescript
2. ReactJS
3. NodeJS
4. UI/UX

Project Scope

1. A web application for a social event sharing platform called Blackcat.
2. Visitors can view events from various condition, like and participate their favourite events and view other people's activities.

Expected Outcomes

1. Visitors need to login first to view events.
2. Visitors can browse a list of events, can filter by date ranges and channels (refer to design) [i.e. event tags/categories whatever you name it]. You must implement the infinite-scroll behavior of the event list, meaning as the viewer scroll, the list should grow naturally without user noticing.
3. Visitors can view event details, including title descriptions, event photos, event date and location, people who has participated in, people who liked, and comments. He or she can comment, like and participate in an event as well.
4. You need to follow design specifications provided faithfully.

FE-15

FE-15

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Why is this project important?

In order to welcome new joiners on the team during this pandemic, the reporting manager create an e-card that includes their photo, hobby and fun fact and share it to the big channel on mattermost so others can get to know him/her better. However, the current process is still manual and slow. Thus, this mini project is provided as an upgrade to:

- Enhance the process to reduce time cost.
- Encourage more teams to use this feature since it will be more accessible to others.

Technical Aspect

1. NextJS (ReactJS)
2. Typescript
3. UI/UX

Project Scope

1. A mini feature on our existing internal website.
2. User can input required information to generate the E-Card and save the image locally.

Expected Outcomes

1. A dedicated page on internal website to host this feature. User with access to the internal website can also use this feature.
2. User need to fill required information (nickname, photo, topics that they're interested in, interesting fact and position)
3. User click generate E-card, then E-card will be downloaded locally and user can share to the mattermost afterwards.
4. The feature should follow the provided design faithfully.

FE-16

FE-16

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Why is this project important?

Currently we have a Price Level feature that enables our seller to buy products with a lower price the more quantity they buy. We want to apply it to group buy feature.

Technical Aspect

1. Vue JS
2. Unit testing
3. UI/Component testing
4. Handle CSV Upload

Project Scope

1. Enhancement on existing feature in our RoR environment
    - Modify the databases based on the requirement
    - Add price level logic to match the group buy feature
    - Create preview of bulk upload feature (csv upload and validation)
2. For timeline, both BE and FE expected to finish this project within 2 month.

Expected Outcomes

Outcome that briefed at project scope can be finished on time

FE-17

FE-17

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Why is this project important?

The purpose of this feature is to motivate Seller to increase their GMV in order to up their loyalty tier by showing discounted prices from the up-tiers. So, we can continuously grow our Seller and bring greater impact together consistently.

Technical Aspect

1. Vue JS
2. Unit testing
3. UI/Component testing

Project Scope

1. Display price from up tiers on the product list page & product detail page
2. Modify Admin (Dynamic Pricing menu) to be configurable for this feature

Expected Outcomes

1. Successfully developed features to display price from up tiers on the product list page & product detail page
2. Successfully developed features to modify admin (Dynamic Pricing menu) to be configurable for this feature
3. Increase the number of platinum users (more healthy users)

FE-18

FE-18

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Why is this project important?

This project will allow seller to track their monthly performance, so they can compare sales of current and previous months (up to 2 previous months) and keep track of their monthly target. If performance is decreasing, then they could trigger on Sales Improvement for current and upcoming months, hence expected to have higher and more consistent GMV.

Technical Aspect

1. Vue JS
2. Unit testing
3. UI/Component testing

Project Scope

1. Make a Downloadable Report
2. The Period Scope: Current Months + 2 Months Before Now
3. Top 100 Highest GMV SKU per Month:
    a. sorted from highest GMV to lowest GMV
    b. data dsiplayed inside: GMV and Qty Sold
4. The Rest of the GMV will be shown in Downloadable CSV

Expected Outcomes

1. Successfully developed features
2. Sellers can keep track of their Monthly Performance
3. Seller can compare their current performance sales with up to x previous month

FE-19

FE-19

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Why is this project important?

1. This adds additional revenue stream to our partner without any risk or capital for our partner
2. Previously, our partner could only be a drop-off point for direct package sending. In the future, if there is a transaction like in our platform and we are sending the package using logistic, the seller can drop off the package in the nearest partner. In that sense, our partner becomes the extension of logistics agents

Technical Aspect

1. Vue JS

Project Scope

1. Integration with 3rd party logistic
2. Develop all related order management features for Mitra user in Frontend side.
3. For BE timeline, we need to finish it within 3 month and for FE timeline, in 2 month.

Expected Outcomes

1. A new webview feature under our partner's Apps

FE-20

FE-20

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Why is this project important?

- Tactical solution for Invoice Financing to run prior FOS-FMS Readiness
- Reducing data input on Mambu Repayment and Disbursement request to Mambu Core Banking
- Add Inputter - Reviewer Level Transaction Validation and Release
- Speeding up Turn-Around-Time on Financing Operation Team when processing request

Technical Aspect

1. Golang
2. MySQL
3. HTML
4. CSS/Bootstrap
5. Javascript

Project Scope

1. Create UI with Web HTML based for user Interface
2. Create Backend Service for API Call to Mambu API

Expected Outcomes

Successful and Runnable for UI Interface and Backend API Service in GCP Environment

FE-21

FE-21

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Why is this project important?

- We identified there are no public centralised platform providing a directory with a holistic view of the impact organisations and the impact they are making. Interested donors have to do manual due diligence and research to understand the organisations' projects, which is a manual process and often limited by donors' familiarity of the social impact landscape.
- Currently, we have several internal databases and we are looking to re-design one of them into an external-facing directory for interested donors. One of the key inclusion we would like to add, is to introduce a 'Scorecard' of the Impact Organisations based on the strength of their governance and operational transparency.

Technical Aspect

1. Wordpress
2. SQL/Google Sheet
3. Power BI/Tableau/Google Data Studio

Project Scope

1. Assist with the initial platform design including front-end dashboard design, creation of digital assets, testing of integration from remote users' input to our internal database etc.
2. Conduct research and assist in frontend platform design, including remote user interviews, secondary research, platform explorations
3. Synthesise insights effectively and creatively from different users, including but not limited to founders of impact organisations, non-profit managers, donors and AVPN internal staff impact investors, impact organisations etc.

Expected Outcomes

A user-verified concept and strategy for implementation that the team could carry forward

FE-22

FE-22

Generasi Gigih

Why is this project important?

Our company's WPE is deploying hundreds of features every month. To support this delivery, we need a robust system to support testing. Using only one environment for testing is really not effective, hence we're creating a system to support hundreds of staging env. To handle all these requests, we built Kratos v2 which now we'd like to upgrade to Kratos v3.

Technical Aspect

1. NodeJS
2. Docker
3. GraphQL
4. ReactJS

Project Scope

Revamping the existing internal developer tools for CI/CD.

- UI Revamp
- Integrating the new API
- Server Side Modules
- Unit Testing

Expected Outcomes

Kratos v3, the new system can be delivered to replace Kratos V2. Kratos v2 will be sunsetted incrementally while changes needed will be introduced to both the current frontend

FE-23

FE-23

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Why is this project important?

As MVP deliverables has done on February 14th 2022, we have seen that there are many technical debts and improvements that need to be addressed for scalability for future expansion. Ability to create packages, multiple packages capability, standardised monitoring and feasibility for PMOS to incorporate with VPS as a package will be main focus for the future expansion.

Technical Aspect

1. React.js
2. Graphql & REST API
3. UT (React testing library)

Project Scope

Develop a page where users can view, create and edit their packages

- Develop package list page
- Develop Add package page
- DevelopEdit package page
- Develop Package preview feature
- Unit Testing

Expected Outcomes

- Deployment target approximately W4 May
- Unit Testing at least covers 70% coverage

FE-24

FE-24

Generasi Gigih

Why is this project important?

As our company doesn't open capability for our sellers to change their product title for the products that already have a transaction, sellers who have the need to change the product title often ask from SR to change their product title. If the products are less than 20, SR team will change the title one by one via Product Management Intools, but if the product count is more than 20, SR team then asks the tech team to help change the product title in bulk where the tech team will run the script to change in bulk. This operation can take a whole day especially since the change request is increasing lately.

With that reason, we want to develop an Intools for SR team to change the product title in bulk. In the future, we will also enable sellers to change their own product title with certain restrictions.

Technical Aspect

1. React.js
2. Graphql & REST API
3. UT (React testing library)

Project Scope

Create a page where users can upload a CSV file that will bulk update products. Breakdown:

- Create page that users can download the CSV template and then re-upload it with the updated product
- The uploading progress will be real-time and updated using SSE

Expected Outcomes

- Deployment target approximately W4 June
- Unit Testing at least covers 70% coverage

FE-25

FE-25

Generasi Gigih

Why is this project important?

It’s important because it will make easier when we want to recap the data based on specific date.

Technical Aspect

1. React.js
2. Mongo Db
3. Rest API

Project Scope

We have security scoring dashboard that generate security scoring page in several page.currently we don’t have feature to filter the scored based on specific date range. For example: we want to recap the page scoring from 20 April - 21 April.

Expected Outcomes

Webhint dashboard can generate security score based on specific date range.

FE-26

FE-26

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Why is this project important?

React router is by default not securing their URL in security perspective. To Securing the URL by default from security council in tokopedia already create custom library to extends the usage of react router 5 & 6 for preventing from security issue.

Technical Aspect

1. React.js

Project Scope

- Implement custom react router version 5 & 6 for service outside marketplace.
- Follow up to service owner & test the implementation & make sure the feature works well

Expected Outcomes

Service outside marketplace already used custom react router version 5 & 6.

FE-27

FE-27

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Why is this project important?

To achieve our OKR with UT 75% and clean up our tech dept especially on performance Chat Inbox Modules

Project Scope

Task Breakdown:

- Achieve UT 75% on Commed Modules
- Improve Performance on Chat Inbox

Technical Aspect

1. React.js
2. Graphql & REST API
3. UT (React testing library)

Expected Outcomes

- Performance Improvement on Chat Inbox Modules at least 10% from current condition
- Unit Testing covers 75% coverage for Communication and
- Media modules

FE-28

FE-28

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Why is this project important?

- To achieve our OKR with Unit Test coverage >=75%
- Currently Chatbot on Atreus still using old code while
- Chatbot Zeus already using pluggables, and it's hard to maintain 2 different services meanwhile flow and design is same.

Technical Aspect

1. React.js
2. Websocket
3. Graphql
4. UT (React testing library)

Project Scope

UT Improvement:

- Achieve UT 75% on Help Desktop
- Achieve UT 75% on Resolution Desktop
- Achieve UT 75% on Resolution Mobile

Chatbot Pluggables:

- Create header for chatbot in atreus
- Implement chatbot pluggables in atreus
- Changes in pluggables, create window conversation only
- On unification chat, if user lite read from history state. If user desktop read from props

Expected Outcomes

- Unit Testing 75% branch coverage for Help & Resolution Desktop
- Unit Testing 75% branch coverage foR Resolution Mobile
- Chatbot Mobile use @ our company/pluggable-chatbot package

FE-29

FE-29

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Why is this project important?

- Custom price is a tool that enables you to sell products with personalized prices based on Merchant's preference to gain more sales
- Price customization could enable MItra Tokopedia Bisnis to seize opportunity in converting offline B2B to online by enabling similar pricing flexibility.

Technical Aspect

1. React.js
2. Graphql & REST API
3. UT (React testing library)

Project Scope

Intools Dashboard:

- Seller dashboard 'Diskon'
- Unified Intools for managing Diskon for multiple shops
- Slash price in discovery funnels

Mitra App:

- Slash price product in cart
- Slash price product in checkout
- Slash price in order detail page

Expected Outcomes

In order to track performance of this initiative, we see these variable below can be measured as our success metrics:

1. TPV generated by Discounted price
2. No of campaign products
3. CVR

FE-30

FE-30

Generasi Gigih

Why is this project important?

- Current problem that Search Platform team is facing is about onboarding clients to use/integrate with Search Platform. The clients need to have internal discussion first with the Search team and do a couple of meetings to have understanding how the Search Platform works and integration. It takes 2-3 meetings and 1 month to prepare.
- To tackle this problem, we will create a client web interface on how to setup the required configuration (index, data ingestion, data query) and provide all required service in Search Platform Backend to support automation on the process.

Technical Aspect

1. React.js
2. Graphql & REST API
3. UT (React testing library)
4. UI Library (ant design)

Project Scope

Intools Dashboard:

- Manage Administration/User
- Manage tenant list (CRUD)
- Manage search index
- Manage index with list of scheme
- Create query profile

Expected Outcomes

1. Complete all the intools scope feature
2. Creating the UT with 75% coverage

FE-31

FE-31

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Why is this project important?

The team where we are building WOW experience of claims journey and take care of strategies and develop the claim automation ecosystem. Also this team is responsible for building the Chatbot services for our customer which can help customers to get there queries resolved with seamless experience.

Expected Outcomes

1. LEARNING PHASE
   Learning respective technologies and understand the company systems
2. DELIVER DEFINED SCOPE OF WORK
   With the help of assigned an individual buddy, understand and complete the requirements
3. FINAL ASSESSMENT
   Submit documentation of what work has been completed which shall be followed by extension of full time offer depending upon the learning ability and quality of work delivered

Project Scope

Opportunity to work on core Claims management system v2.0 which handles the claims process for all types of insurance policies.

Work upon our chatbot which help customer address the frequently asked questions like policy status ,claim status etc

This is the platform which help user to explore about pasarpolis and partner to have there microsites to create policies in our ecosystem

Technical Aspect

1. ReactJS
2. Microservices
3. MySQL,
4. Rest APIs
5. GCP

FE-32

FE-32

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Why is this project important?

We are in process of developing an improved version of refill technology that can be used in semi-modern trade that will have different user experience and mechanism than our existing technology. The goal of this project is to support our company on the new machine development process by producing a prototype to be used for user testing. The interns will work under the direction of the product manager who will bring sets of product requirements coming from our user research and testing.

Technical Aspect

Exploratory

Project Scope

- Improve user experience when operating the machine especially with SES-B/C user
- Reduce duration needed for customer to make a purchase
- To improve the self-serving capability of the machine, reducing the need for assistance, which ultimately will reduce operational load of our store partner

Expected Outcomes

- Web or mobile app with core functionality to be used for testing with our user
- Technical documentation

FE-33

FE-33

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Why is this project important?

We are in process of developing an improved version of refill technology that can be used in semi-modern trade that will have different user experience and mechanism than our existing technology. The goal of this project is to support our company on the new machine development process by producing a prototype to be used for user testing. The interns will work under the direction of the product manager who will bring sets of product requirements coming from our user research and testing.

Technical Aspect

Exploratory

Project Scope

- Improve experience for our ops team when deploying or monitoring our vending machines
- Improve the sales monitoring dashboard
- Reduce the need for manual data recording

Expected Outcomes

- Web app with core functionality to be used for testing with our ops team
- Technical documentation of the app

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Why is this project important?

Our company needs a new look that can convey its mission, values and relationship with notable partners. As a platform to connect providers of overall health, fitness, wellness and mental health our company needs its landing page to be clear to its audience within 3-5 seconds for first time viewers.

Technical Aspect

1. VueJS/ReactJS
2. Nuxt JS
3. UI/UX
4. PHP/MVC
5. Gitlab CI/CD

Project Scope

1. Home page on desktop website
2. Home page on mobile
3. Navbar change OK to accommodate new theme

Expected Outcomes

1. General audience can understand our company's products/services within 5 seconds of viewing the home page
2. Mobile website audience can understand our company's product/services without scrolling the home page
3. Website loads within 2 seconds on both desktop and mobile device
4. CMS and payment system is not affected in functionality by redesign
5. Selected partners are displayed with minimal scrolling from landing
6. Code is well documented for updates and scalability